

Work Order ID 82820

April-10-12 10:43:06 AM

AOG *82820*

ship to day / from

Page 1

Item ID: D120-639-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Tungsten Carbide Wearplate

Stop *NS2*

Start Date: 10/04/2012 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 24/04/2012 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 12/04/10 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
DSI 9223	Rev A
IIN-D120-639	Rev A

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and type labels per PPP D120-639-011 CHG 002

10 8/26/16

MLJ 12/05/16

105

Pick Kit

0.00

105

Packaging

Memo

0.00

Packaging

1 12/05/15 JB

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 82820

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Page 2

Item ID: D120-639-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Tungsten Carbide Wearplate

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1

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1

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Reference:

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Run Start ***NR1***

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Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

110

QC4- 100% Inspect kits for completeness

0.00

110

QC

Memo

0.00

*Scalorik**(12)*

Quality Control

120

Packaging

0.00

120

Packaging

Memo

0.00

*Reor**12/5/10*

Packaging

Package and Identify as per PPP D120-639-011

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

MW 12/05/10

Quality Control

*MF
12-05-10*

W/O:		WORK ORDER CHANGES					
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82820

D120-639-011

Required Date: 24/04/2012

Required Qty: 1.00

Comments:	IPP	D	02.09.13	Re-format, Added MS27130-S30	KJ
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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2746 *D2746* Wearshoe		Manufactured	No			105	Each	0.0000	[REDACTED] #2 ✓	** 79519 JB			[Signature]
D2656-31 *D2656-31* Wearshoe		Manufactured	No			105	Each	2.0000	[REDACTED] #2 ✓	** JB			[Signature]
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FP001				2					
					80058			2					
D2656-13 *D2656-13* Wearplate		Manufactured	No			105	Each	0.0000	[REDACTED] #2	** 80058 JB			[Signature]
ALS7-1032-130 *ALS7-1032-130* Insert		Purchased	No			105	Each	250.0000	[REDACTED] 36	** 36 JB			12/05/15
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST280				165					
					117717			27					
					118966			22					
					119775			116		119775			
				ST282				85					
					119530			73					
					120181			12					

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

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Work Order ID: 82820

82820

Parent Item: D120-639-011

D120-639-011

Parent Item Name: Tungsten Carbide Wearplate

Start Date: 10/04/2012

Required Date: 24/04/2012

Start Qty: 1.00

Required Qty: 1.00

D2648-3

Manufactured No

105

Each

9.0000

D2648-3

Wearpad

**

5 570

2782819 JB

Location

Loc Qty

Loc Code

ST

-10

81513

9

ST237A

19

81513

MS27039-1-08

Purchased

No

105

Each

1,655.000

MS27039-1-08

Screw

**

40 4080

JB

Location

Loc Qty

Loc Code

ST291

1655

117423

81

119075

1

120308

804

121011

269

121243

500

120308

AN960JD10L

NAS1149D0332J

Purchased

No

105

Each

0.0000

AN960JD10L

Washer

**

40 4080

121011 JB

12/05/15

MS27130-S30

Purchased

No

105

Each

146.0000

MS27130-S30

Insert

**

4 48

JB

12/05/15

Location

Loc Qty

Loc Code

ST293

146

100154

146

100154

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries



DESIGN #	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. DSI 9223	REV. A SHEET 1 OF 1
DATE 01.11.19		TITLE WEARPLATE INSERTS	SCALE NTS
A	01.11.19	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS

IIN-D120-639 Rev. A

REF. CANADIAN STC SH01-25

FAA STC: SR01347NY

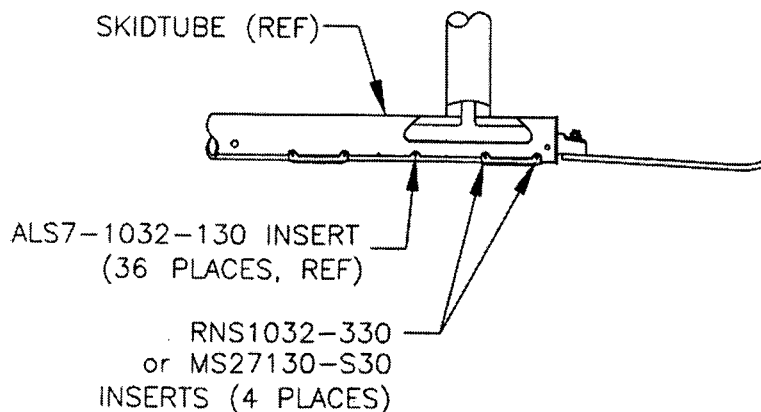
REPLACE (4) AFTMOST ALS7-1032-130 INSERTS WITH (4) RNS1032-330 / MS27130-S30 INSERTS.
UPDATE PARTS LIST AS FOLLOWS:

REPLACE:

QTY -011	QTY -013	Part Number	Description
40	40	ALS7-1032-130	INSERT

WITH:

QTY -011	QTY -013	Part Number	Description
36	36	ALS7-1032-130	INSERT
4	4	RNS1032-330 or MS27130-S30	INSERT



NOTE: OPEN HOLES TO $\phi 0.250$ INSTEAD
OF $\phi 0.297$ FOR THESE 4 INSERTS

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 82820 M/L
12/04/16

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED BY: <i>[Signature]</i> D. SHEPHERD (DE # 02)	
DATE:	NOV 19, 2001
CERT. NO.:	SH01-25
ISSUE NO.:	1

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

32.2 WEIGHT AND BALANCE

The following weight and balance information is for the Dart wearplate kits that are being installed. The weight and balance of any wearplates that are being removed from the aircraft is the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D120-639-011 TUNGSTEN CARBIDE WEARPLATE KIT	3.1 lb 1.4 kg	136.0 in 3.45 m	422 in lb 4.8 m kg	±40.7 in ±1.04 m	±126 in lb ±1.5 m kg
D120-639-013 SURFACITE™ WEARPLATE KIT	4.1 lb 1.8 kg	136.0 in 3.45 m	558 in lb 6.2 m kg	±40.7 in ±1.04 m	±167 in lb ±1.9 m kg

32.4 PARTS LIST

Qty -011	Qty -013	Part Number	Description
X		D120-639-011	TUNGSTEN CARBIDE WEARPLATE KIT
	X	D120-639-013	SURFACITE™ WEARPLATE KIT
	1	D2746	WEARPLATE
1	1	D2656-31	WEARPLATE
1	1	D2656-13	WEARPLATE
5		D2648-3	WEARPAD
	5	D2648-7	WEARPAD
40	40	ALS7-1032-130 or AKS7-1032-130 or ALS4-1032-130 or AKS4-1032-130	INSERT
40	40	MS27039-1-08	SCREW
40	40	AN960JD10	WASHER



DESIGN <i>[Signature]</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9223	REV. A SHEET 1 OF 1
DATE 01.11.19		TITLE WEARPLATE INSERTS	SCALE NTS
A	01.11.19	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS

IIN-D120-639 Rev. A

REF. CANADIAN STC SH01-25
FAA STC: SR01347NY

REFERENCE ONLY

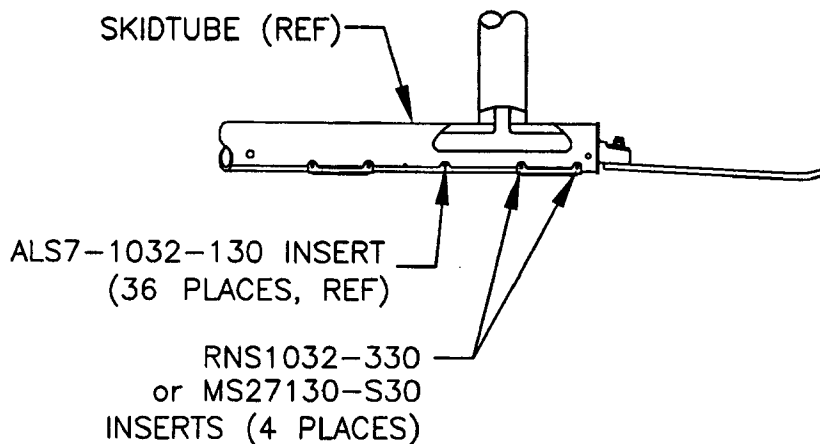
REPLACE (4) AFTMOST ALS7-1032-130 INSERTS WITH (4) RNS1032-330 / MS27130-S30 INSERTS.
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REPLACE:

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WITH:

QTY -011	QTY -013	Part Number	Description
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NOTE: OPEN HOLES TO $\varnothing 0.250$ INSTEAD
OF $\varnothing 0.297$ FOR THESE 4 INSERTS

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>[Signature]</i>	
BY:	D. SHEPHERD (DE # 02)
DATE:	NOV 19, 2001
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